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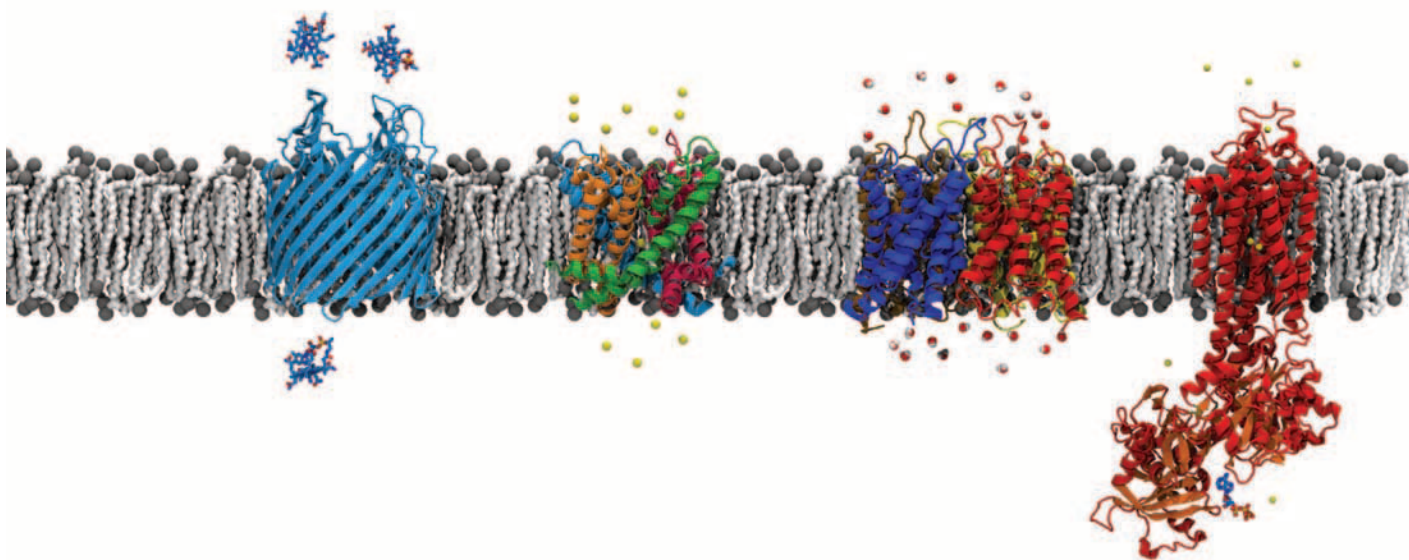
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STRUCTURAL BIOLOGY

WITH BIOCHEMICAL AND BIOPHYSICAL FOUNDATIONS



MARY LUCKEY

San Francisco State University

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The title page shows high-resolution structures of membrane proteins incorporated
into a simulated lipid bilayer. The proteins are, from left to right: vitamin B₁₂
transporters BtuCD with BtuF, the light harvester LH2 with some chlorophylls, the
mechanosensitive channel MscS, lactose permease, BtuB from the outer membrane,
the pore domain of Kv1.2, aquaporin, and Ca²⁺-ATPase. Substrates, including ions
and water molecules, are indicated.

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